

UNIVERSITY OF NEBRASKA AT KEARNEY

Educator Certification Office

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Endorsement Program Information—Biology 7-12

Content	Credit Hours	Professional Sequence Choose one option	Credit Hours	
BIOL 105GS Biology I	4	Face-to-Face Program:		
BIOL 106GS Biology II	4		TE 100GS Teaching in a Democracy	3
BIOL 290 or 802 Evolution	3		TE 204 Typical/Atypical	4
BIOL 305 or 827 Bio Statistics	3		TE 206 Instructional Technology	3
BIOL 307 or 824 Ecology	3		TE 319 Mgmt. and Assess	2
BIOL 360 or 860 Genetics	4		TE 320 Field Experience	2
BIOL 201* Fund Tools for Bio Studies	2		TE 306 Reading in Inclusion	2
BIOL 375* Scientific Communication	2		TE 400 Student Teaching	12
BIOL 420* Biology Research	2		Prof. Seq. Total Hours:	28
BIOL 471** Methods in Secondary Sci	3		--OR--	
PHYS 201GS Earth Science	4			
CHEM160GS & 160LGS Gen Chem & Lab	4			
Supporting Courses: (11 hrs. required)			Transitional Cert. Prog. (TCP):	
Chemistry (4 add'l hours required)			TE 831 Prof. Knowledge I	6
CHEM161GS & 161LGS Gen Chem & Lab	4	TE 832 Prof. Knowledge II	6	
Math (3 add'l hours required)		TE 833 Context of Education	6	
MATH 103GS Plane Trigonometry	3	TE 836 Student Teaching	6	
Physics (4 add'l hours required)		TCP Prof. Seq. Total Hours:	24	
Take 1 course:				
PHYS 301 Advanced Physical Science	4			
-OR-				
Take ONE of the following:				
PHYS 205GS General Physics I		<i>An additional endorsement program (for those who already qualify for a teaching certificate) requires a 3 cr. hour practicum. The above professional sequence classes are not required.</i>		
AND PHYS 205LGS Physics I Lab	5			
PHYS 275GS General Physics I (Calculus)				
AND PHYS 275LGS Physics I (Calc) Lab				
Total Hrs.	49			
Total Hours in Program: 73-77				

*BIOL 820 and BIOL 831A-F may be substituted for BIOL 201, BIOL 375, and BIOL 420 collectively.

**BIOL 471 is not required for Transitional Certification Program (TCP) students.

- The 800-level classes mentioned above are available on-line.
- For more information on the [Biology Department](#), please visit their website.
- [Admission to Teacher Education](#), including successful completion of the Praxis Core exams, is required for those seeking Initial Certification. Visit ets.org for Nebraska testing requirements.
- The Praxis Subject Assessment test is required for certification in Nebraska for most endorsements. Visit ets.org for Nebraska testing requirements.
- The program information shown above is intended for general information and is subject to change. A transcript review/program of study provides an official list of classes required for the endorsement.
- Not all content classes are available on-line.